



# ***TWiki***

## ***A web-based collaboration platform***

Oliver Kutter

`kutter@in.tum.de`

Technische Universität München

## *Topics of this talk*

- TWiki overview
- TWiki features
- TWiki text formatting
- Create a new topic in TWiki

# ***TWiki - Overview***

What is TWiki?

- Twiki is a flexible, powerful, and easy to use Web-based collaboration platform

TWiki can be used to run

- a development space
- a document management system
- a knowledge base
- any other groupware tool



## ***TWiki - Some Features***

- Edit pages with **any web browser**
- Simple, powerfull text formatting
- Pages are **grouped** into collections
- **Revision control**
- **Access control**
- **Plugin architecture**



# *Basic text formatitng*

We will give an overview on the topics

- Headings and formatting rules
- Ordered/Unordered lists
- Tables
- WikiWords & links
- TWiki variables



# Headings

- mandatory are at least three dashes
- each + following increases the level
- maximum level is six  
e.g. —+, —++++ ...

# *Text formatting rules (1)*

Text is written

- bold by enclosing it in asterisks  
`*bold*` → **bold**
- italic by enclosing it in underscores  
`_bold_` → *bold*
- bold italic by enclosing it in double underscores  
`__bold italic__` → ***bold italic***
- verbatim by using the tags `<verbatim>` **foo bar** `</verbatim>`



## *Text formatting rules (2)*

- **Paragraphs** are created by blank lines
- Write %BR% to start a new line
- Write %RED% RED %ENDCOLOR% to get **RED**
- Graphics for documentation, see **TWikiDocGraphs**



## *Ordered/Unordered lists*

- A list item is defined by three spaces and an asterisk.    \* item → ● item
- Nested list items are defined by Six, nine, ... spaces and an asterisk
- An ordered list is defined by three spaces and a number.

# Tables

Tables are defined by the cells enclosed in vertical bars.

- | **\*bold\*** | cells are rendered as table headers
- | spaced | cells are rendered center aligned
- |    spaced | cells are rendered right aligned
- | 2 colspan | | cells are rendered as multi-span columns

## *WikiWords & links*

- Capitalized words stuck together will produce a link/a new site automatically.  
e.g. **FooBar**, **ReadMe** . . . .
- Internal links are created by enclosing words in double square brackets  
e.g. **[[link foo]**, **[[Object.foo]]**
- **#Anchor** at the start of a line defines an anchor.  
To link to an anchor use **[[MyTopic#MyAnchor]]**.
- Specific links are defined by **[[reference][text]]**  
e.g. **[[http://gnu.org][GNU's not Unix]]**

# ***TWiki variables***

Variables are names enclosed in % that are expanded on the fly.

- %TOC% - generate a table of contents based on headings
- %WEB% - current web
- %INCLUDE{"foobar"}% - server side include, includes another topic.
- %SEARCH{"foobar"}% - inline search showing the search result in a topic
- for more variables see **TWikiVariables**

## *Create a new topic*

- To create the new topic **FooBar** click edit and write *FooBar*
- click Preview Changes
- click Save Changes
- now create the topic by clicking on the ?

# *Conclusions*

- TWiki makes it easy to maintain the content of a web site
- No knowledge of HTML or XHTML is required
- Groups can easily share and edit files
- In this talk we've covered just a glimpse of TWiki  
For more information browse the online help or visit the TWiki project web site.

# *References*

## References

- [1] *TWIKI A Web Based Collaboration Plattform*  
<http://www.twiki.org>